

THE SALEM
East India Marine Society.

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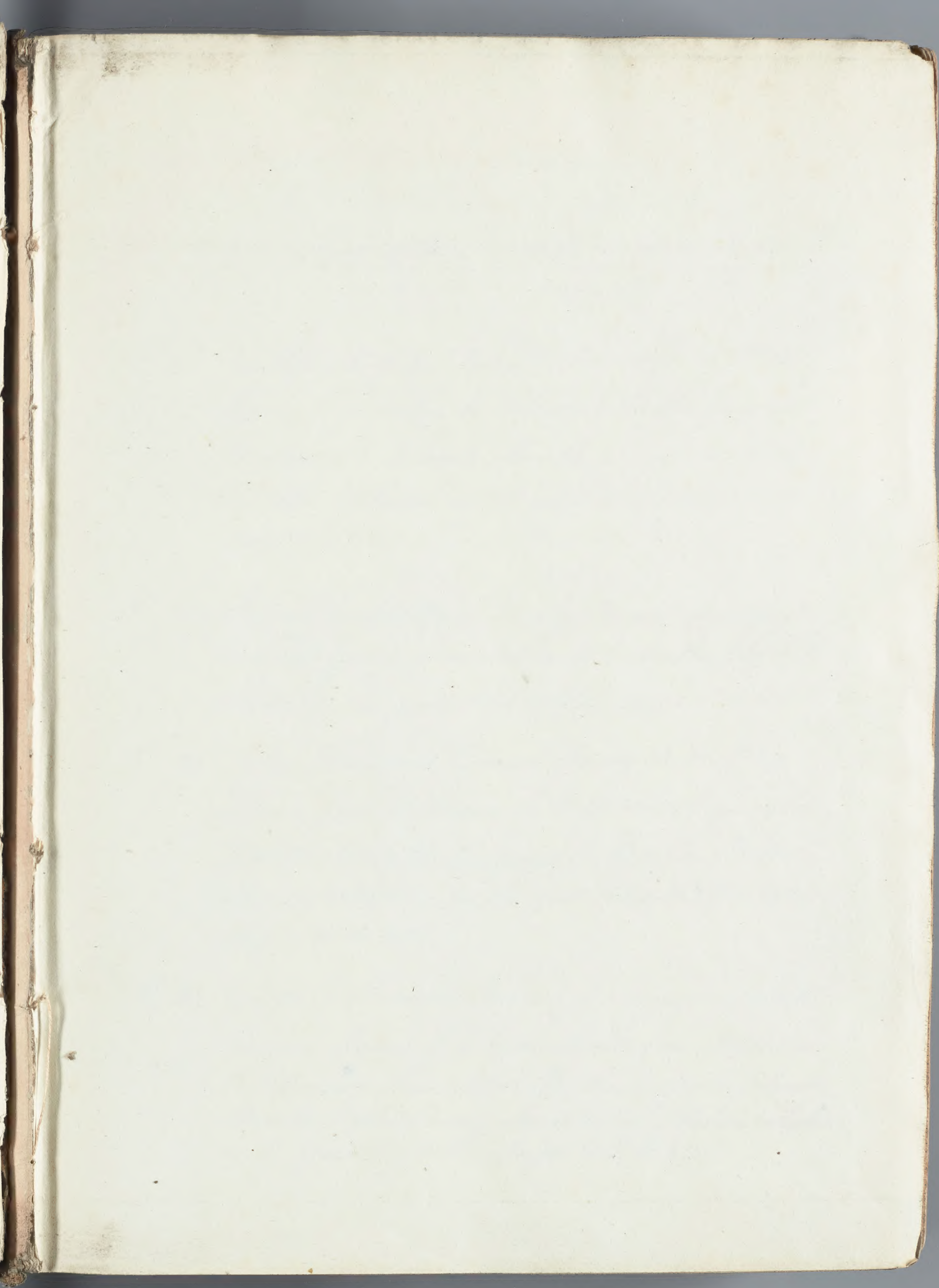
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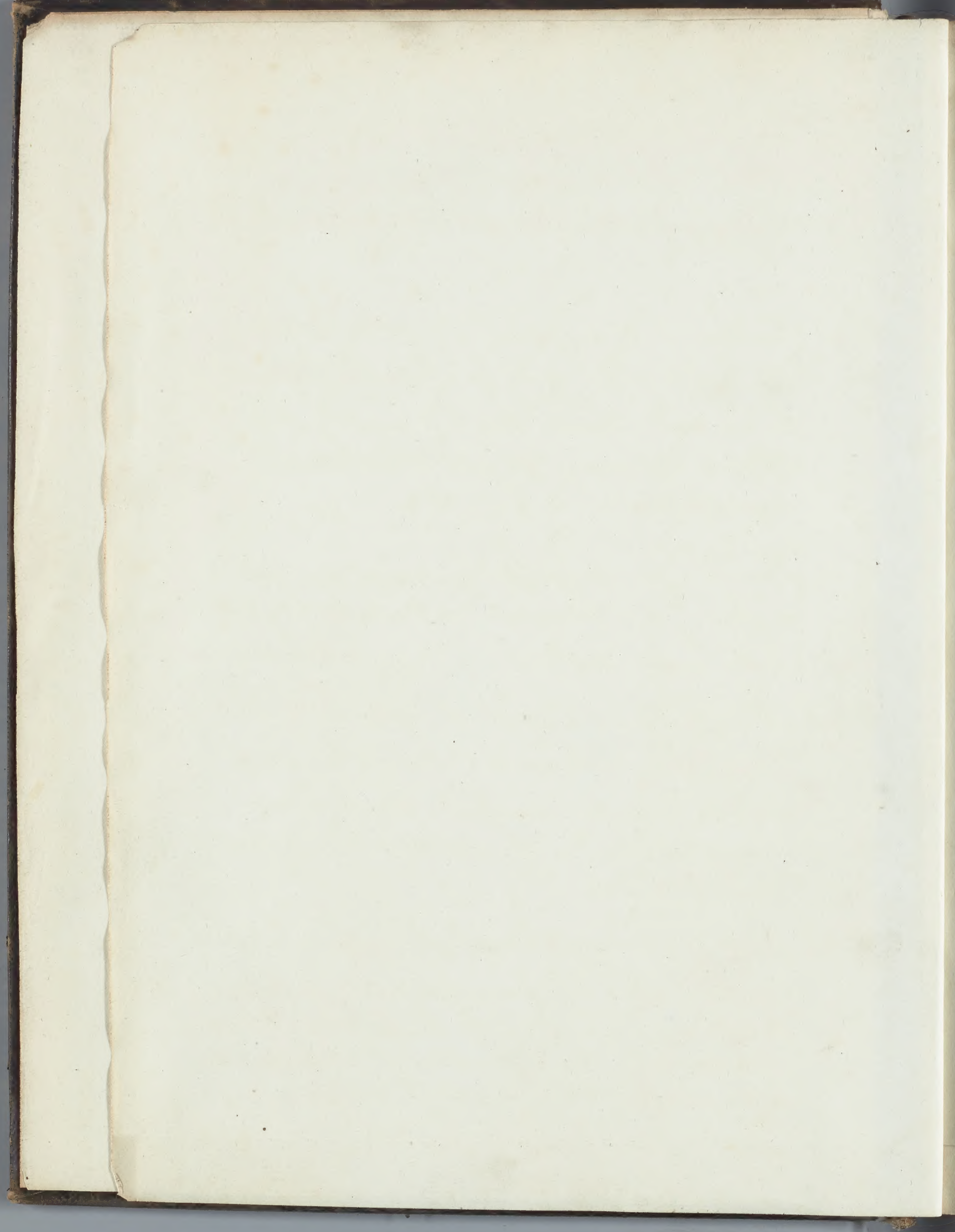


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24
C. D. for Mrs. Thomas in "V."
Catalogue of the Journals contained in Vol. 18.

- N^o 81. Jonathan M. Ropes' Journal of a voyage in Brig
Roscoe from Salem to Valparaiso, Callao, Guayaquil,
the Sandwich Islands, Manilla, Singapore, Rhio,
Batavia & Salem, in the years 1825, 1826 & 1827.
pages 1 to 82.
- N^o 82. Samuel Endicott's (of Beverly) Journal of a voyage
in Ship George from Salem to Calcutta & back to
Salem in the years 1826 & 1827. pages 83 to 160.
- N^o 83. John Holman's Journal of a voyage in Brig
Laura from Baltimore to Valparaiso, Coquimbo,
Quilka, Chorillos, Guayaquil, Manilla, Pootoo
Penang & Salem, in the years 1824, 1825 & 1826.
pages 161 to 354.
- N^o 84. George T. Saunders Journal of a voyage in Ship
Caroline, James W. Chever, Master, from Monte Video
to Valparaiso, Arica, Chorillos, the Sandwich Islands,
Manilla, Pootoo Penang, Sumatra, St Helena & Salem,
in the years 1825 & 1826. pages 355 to 420.

- N^o 85 Timothy Endicott's Journal of a voyage in Ship
Suffolk from Gibraltar to North West Coast
of Sumatra & back to Gibraltar, in the years
1823 & 1824. pages 421 to 458.
- N^o 86 Timothy Endicott's Journal of a voyage in Ship
Suffolk from Salem to Batavia & Antwerp
in the year 1825. pages 459 to 502.
- N^o 87 Joseph I. Knapp Jun^r's Journal of a voyage in
Brig Phoenix, Alex Hanna, Master, from
Antwerp to North West Coast of Sumatra &
Gibraltar, in the years 1823 & 1824. pages 503 to
546.
- N^o 88 James Barr Jun^r's Journal of a voyage in Brig
Jones, John Dwyer, Master, from New York to
Madagascar & Salem in the year 1827.
pages 547 to 588.
- N^o 89 William H. Neal's Journal of a voyage in Brig
Java from Salem to Batavia, Samarang &
Antwerp in the years 1820 & 1821. pages 589 to
647.

17th William H. Hall, Journal of a voyage on the

Ship from Boston to the Cape of Good Hope

Published, with a preface to the Cape of Good

Hope in the year 1822 & 1823, pages 184 & 23

1822 & 1823, pages 184 & 23

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1822 & 1823, pages 184 & 23

1822 & 1823, pages 184 & 23

1822 & 1823, pages 184 & 23

No. 85.

JOURNAL

From *Calcutta* to *India* in
 the *Ship Suffolk* *Timothy Endicott* Master :
 kept by *Timothy Endicott* for the use of the

East-India Marine Society.

AT a Meeting of the EAST-INDIA MARINE SOCIETY, at their Hall, on Wednesday Evening, November 4, 1801, it was unanimously voted,—That in order to promote one great object of their institution, which was the acquiring of Nautical Knowledge, a Committee should be chosen to procure *Blank Journals* for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned, with a regular diary of the winds, weather, and remarkable occurrences, during his Voyage, arranged in such manner as the Committee should direct.

Conformably to the above vote, a Committee was chosen, who, having procured JOURNALS of the present form, request the Members to fill up the blanks according to the following

DIRECTIONS.

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example : after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good-Hope.

In the 1st column of the Journal must be marked the day of the month; in the 2d, the course made good on that day; in the 3d, the distance sailed; in the 4th, the latitude at noon by account; in the 5th, the latitude by observation; in the 6th, the longitude by account; in the 7th, the longitude by observation reduced to noon by means of the log, or a time-keeper.

When the variation is observed, it is to be marked in the 10th column, the latitude and longitude in at the time of taking the observation, being calculated from the observed latitude and longitude at noon by means of the log, and marked in the 8th and 9th columns. When the variation is observed both in the evening and morning of the same sea-day, the evening observation must be marked first; and it may be also noted whether the observation was by an azimuth or amplitude, by marking the former *az.* and the latter *am.*

The winds are to be marked in the 11th column, two or three times each day, placing them regularly beneath each other.

In the right hand column must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, the declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the blank pages left for that purpose at the end of the Journal. A page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved (according to the directions hereafter given) such parts of birds, insects, fish, &c. as serve most easily to distinguish them; and if no part can be preserved, a description of any that are remarkable, may be given. Inquiry should be made for any remarkable books in use among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

DIRECTIONS

For Collecting and Preserving Objects of Natural History.

By SETH BASS, M. D.



I. MINERALS.—Minerals should be packed in cotton, oakum, or any soft substance. It would be proper to procure all the specimens of about the same size; pieces of three inches square will be sufficiently large. Specimens of all the most common rocks found on the Islands in the South Seas, and on the North-West Coast of America, would be considered valuable in the eyes of the Geologist and Mineralogist in America.

II. BOTANY, or VEGETABLE KINGDOM.—Plants should be collected when in flower, and placed between two pieces of blotting paper, and should be pressed moderately by placing a piece of board or plank on them for a day or two, and should then be taken out and placed in dry papers, taking care to lay all the leaves in a natural position, and then return them to the press with an additional weight. It will be necessary to change them several times, until they are perfectly dry; when they should be packed in a box, with a small quantity of Camphor, to prevent their being eaten by Insects. The boxes should be secured as close as possible. It is desirable to procure the seeds, or fruit, in their seed-vessels, in every case where it is possible. Fruit, if pulpy, may be preserved in spirits, and in some cases of rare plants, the flowers also. Seeds, when small, should be well dried and wrapped in paper, with some account of the plant; whether a tree, or annual plant; the situation in which it was found, &c.; and then packed in glass bottles, well corked, or secured with a cement made of Bees-wax and Resin. The larger seeds may be packed in dry powdered charcoal in a close box. Seeds of all kinds may be brought home in bottles of *Honey*, and this is probably the very best method of preserving them. Specimens of the different species of Wood found growing on the Islands in the Pacific Ocean, and North-West Coast of America, would be curious, and may be useful. Blocks sawed about one and an half inch thick, with the bark on; if the log is very large, the block may be split in quarters or any section of a circle.

III. MADREPORES, CORALS, &c.—To preserve marine productions, it is always necessary to soak them in fresh water, in order to extract the salt, and perhaps it would be best to have the water boiling. Specimens of all the Madrepores and Corals, &c. with the animals in them, preserved in spirits, and secured in close stopped bottles, would be a great addition to our Museum. Pieces of three or four inches in length will be sufficiently large.

IV. CONCHOLOGY, or SHELLS, and the animals that inhabit them.—Those Shells only are worth preserving in a Cabinet of Natural History, which have been taken with the animals alive in them, as those which are driven on shore by the tide, have generally been dead some time, and if not broken, the colours are always much faded, and sometimes are so much altered that they cannot be recognized as the same species; for the shell begins to bleach the moment the animal is dead; and therefore the only way to procure good specimens is to get them fished up, and to have the animals extracted, which may be done by pouring boiling water on them. Then soak the shells in fresh water for twenty-four hours, to extract all the salt, and pack them carefully with cotton in a box; but no attempt should be made to clean them on any account. It would be an addition of considerable interest to have a shell of each kind with the animal in it, preserved in spirits, as they are very imperfectly known.

V. ENTOMOLOGY.—Insects should be secured by pinning them into shallow cases, and very carefully closed by pasting strips of paper over the seams of the case; or the case may be enclosed in canvas, or thick paper, and then smeared over with pitch or tar; they will then be very secure from moisture. A small quantity of Camphor should be enclosed in a piece of gauze, and nailed into the case, to keep away other insects which would destroy them. Spiders and Worms should be preserved in spirits.

VI. CRUSTACEOUS ANIMALS.—Crabs, Sea Urchins, or Sea Eggs, and the like, should have the internal parts removed, and if large, carefully packed in boxes of powdered charcoal, or saw-dust, having been well washed in fresh water previous to packing them. If the species are small, preserve them in spirits.

VII. REPTILES AND FISH.—If the specimen is small, preserve it in a bottle of spirits. But if of large size, they should be carefully skinned, and then the blood soaked out by soaking in fresh water, changing the water several times. The skins may then be put into casks of strong brine. The heads of fish, with the gills, should be preserved entire.

VIII. ORNITHOLOGY.—To prepare and mount Birds, let the following directions be attended to, viz. Skin the bird as soon after the bird has been killed as may be convenient, in the following manner:—Make an incision down the side under the wing sufficiently large to permit the body to be taken out; disjoint the legs at the knees, and the neck close to the head; take out the brains, eyes and tongue; dissect as much of the muscles from the wings as you can, and then strew over the whole a fine powder composed

of white oxide of arsenic, one part, mixed with burnt alum, two parts; then stuff the head and legs with cotton; pass wires up the legs, and through the neck and head. Sometimes the wings may be supported by wires when they are to be spread; but generally they should be kept in place by pinning them to the side. If you intend to mount the bird, a piece of cork must be cut of exactly the same shape as the body of the bird, and the skin sewed over it, and the wires secured in the cork to support it—or the body of the bird may be slightly stuffed with cotton and hung up in the air to dry, and afterwards packed in a close case in cotton, with some pieces of camphor strewed in the case. All possible care should be taken to keep the feathers clean. In order to keep them perfectly secure, it would be best to cover the box with old canvas, or thick paper, and then smear it over with pitch.

The Nests and Eggs of birds are objects worth collecting. The eggs should have their contents blown out, then packed in the nest with cotton, and stowed into a box.

IX. QUADRUPEDS.—Animals should be carefully skinned, and the flesh dissected as clean as possible from the head and feet. It may not be necessary in every case to separate the head from the skin; but the safest method is to put the head into boiling water to boil the flesh; then take out the brains, eyes, &c. wash it clean, strew powdered *Arsenic* and *Alum* over it; then replace it in the skin, and secure the skin carefully to the teeth. The feet and ears should be wet with Spirits of Turpentine, and then the whole outside as well as inside strewed over with the powder of *Arsenic* and *Alum*. After sewing up the abdomen, except a small opening, stuff the skin with some light and dry substance; in some cases it may be more convenient to bring the skin home in strong brine, if the animal is large; in which case care must be taken to have all the blood soaked out before it is placed in the brine; and if soaked for some days in alum water, previous to placing it in the pickle, it would be an additional security.

NOTE.

In filling up the Journal, care must be taken not to write near the margin of the paper, either at the top, bottom, or the side; to prevent any of the writing from being cut off in binding up the Journals.

Timothy Endicott's JOURNAL in the Ship Suffolk June 1841

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|-------|----------|-------|-----------|-----------|------------|------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 6/19 | | | | | | | | | |
| 6/20 | West | 109 | 33° 54' S | 33° 56' S | 18° 20' W | | | | |
| 6/21 | 49° N | 127 | 36° 16' S | 36° 41' S | 18° 47' W | | | | |
| 6/22 | 41° N | 61 | 36° 10' S | 36° 01' S | 19° 01' W | | | | |
| 6/23 | 518° N | 21 | 34° 12' S | 34° 31' S | 19° 31' W | | | | |
| 6/24 | 516° E | 39 | 33° 50' S | 33° 27' S | 19° 21' W | | | | |
| 6/25 | 577° N | 121 | 33° 10' S | 33° 11' S | 19° 37' W | | | | |
| 6/26 | 175° W | 135 | 33° 53' S | 33° 42' S | 19° 27' W | | | | |
| 6/27 | 185° N | 91 | 33° 50' S | 33° 51' S | 19° 18' W | | | | |
| 6/28 | 521° N | 30 | 33° 27' S | 33° 11' S | 19° 35' W | | | | |
| 6/29 | 525° N | 19 | 39° 57' S | 38° 56' S | 19° 44' W | | | | |

Endicott Master, from

Gibraltar

towards

Cape de Verde

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|---------------------------|--|
| S.W. S.E. | At 11 A.M. 1st underway and stood out of the bay at noon was off observation point. |
| S.S.E. breeze | moderate and a head sea with obscure weather at 5 P.M. Cape Verde 1000 S.S.E. 4 leagues |
| S.S.W. at 11 | Through the 24 hours strong gales heavy squalls with rain and a high sea 14 miles from shore |
| S.S.W. at 3.5 at 11 | First part light air middle part strong gales and heavy squalls latter part pleasant weather |
| N.W. 3.17 N.W. 17 | Moderate breezes from the Westward and pleasant weather 18 miles East current by Chrono |
| N.W. 11 N.W. 3.8 | Light breezes all sail set through the day |
| S.S.E. South | First part light air middle & latter part fresh breezes all sail set 23 miles West current by Chrono |
| S.W. 11 S.W. 11 | Begins strong breezes and squalls middle & latter part ship under close reefed top sails |
| S.W. S.W. 1.5 | Strong gales and a high sea from the West through the day |
| S.W. N.W. 17 | Through the 24 hours strong gales and a high sea found about 13 miles current setting S 60° W by Chrono |
| S.S.W. S.W. 11 | Strong gales and a high sea from the West found 13 miles East current by chronometer |

Smith's Endeavour JOURNAL in the *Ship Suffolk* *Smith*

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------------|----------|-------|-----------|-----------|------------|-----------|------------|-----------|---------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia |
| Dec 3 | S 39° E | 70 | 32° 13' N | 32° 13' | 10° 39' W | 10° 36' | | | |
| Dec 31 | S 31° E | 16 | 30° 43' N | 30° 54' | 19° 19' W | | | | |
| Jan 1 st | S 29° E | 102 | 27° 50' N | 27° 52' | 25° 53' W | | | | |
| Jan 7 | S 28° E | 156 | 25° 11' N | 25° 11' | 22° 14' W | | | | |
| Jan 3 | S 41° E | 11 | 24° 37' N | 24° 33' | 22° 18' W | | | | |
| Jan 4 | S 24° E | 50 | 23° 49' N | 23° 17' | 21° 52' W | | | | |
| Jan 5 | S 50° E | 36 | 23° 23' N | no n | 21° 23' W | | | | |
| Jan 6 | S 4° E | 140 | 22° 11' N | 22° 35' N | 21° 20' W | | | | |
| Jan 7 | S 1° E | 100 | 20° 57' N | 20° 55' N | 21° 52' W | 21° 24' W | 20° 15' W | 20° 34' W | 17° 00' |
| Jan 8 | S 11° E | 193 | 17° 45' N | 17° 45' N | 22° 12' W | | | | |
| Jan 9 | S 8° E | 175 | 14° 59' N | 14° 50' N | 21° 46' W | | | | |

Endicott Master, from

Gibraltar

towards

Cape de Verde

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-------------------------|--|
| S.W. 11.11 | Through the day light breezes and sail set hauled up and passed an English Schooner |
| S.W. 2.5.6 | Began light breezes from S.W. middle & latter part fresh gales and pleasant weather |
| S.W. 2.5.8 | Fresh gales and cloudy weather all day |
| S.W. 2.5.6 | Moderate breezes and hazy weather through the day |
| S.W. 4.11 | Through the 24 hours moderate breezes and pleasant weather |
| S.W. 5.11 | Light breezes and clear pleasant weather the prospect of the N.E. Trade wind |
| S.W. 5.3.11 | Began and Ends light variable winds from S.W. to South |
| S.W. 11.5.11 6.11 | First part strong gales, middle and latter part moderate |
| N.W. North N.E. | First part light airs and clear weather latter part got the N.E. Trade wind. |
| N.E. N.E. by E | Fresh gales and very hazy all sail set |
| N.E. N.E. by E | Fresh gales and hazy a good lookout for the Bonetta Rocks but saw nothing. found 25 miles Westward Current |

Timothy Endicott JOURNAL in the *Ship Suffolk Timothy*

| Date. 1825 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|----------|-------|-----------|-----------|------------|-----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Nov 10 | S 16° E | 141 | 12° 35' N | 12° 33' N | 21° 05' W | 21° 07' W | | | |
| Nov 11 | S 12° E | 96 | 11° 5' N | 10° 59' N | 20° 40' W | 20° 40' W | | | |
| Nov 12 | S 23° E | 03 | 9° 43' N | 9° 41' N | 20° 08' W | 20° 08' W | | | |
| Nov 13 | S 13° E | 17 | 8° 5' N | 8° 4' N | 19° 15' W | 19° 15' W | | | |
| Nov 14 | S 18° E | 52 | 7° 18' N | none | 18° 15' W | 18° 15' W | | | |
| Nov 15 | S 31° E | 15 | 5° 57' N | none | 18° 21' W | 18° 21' W | | | |
| Nov 16 | S 10° W | 35 | 5° 31' N | 5° 23' N | 18° 26' W | 18° 26' W | | | |
| Nov 17 | S 5° E | 34 | 5° 5' N | 4° 54' N | 18° 43' W | 18° 43' W | | | |
| Nov 18 | S 44° W | 77 | 4° 02' N | 3° 59' N | 17° 37' W | 17° 37' W | | | |
| Nov 19 | S 29° W | 139 | 2° 20' N | 2° 20' N | 21° 22' W | 21° 22' W | | | |
| Nov 20 | S 4° W | 19 | 1° 21' N | 1° 31' N | 23° 06' W | 23° 06' W | | | |

Endicott Master, from *Calicut* towards *cape of good Hope*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|---------------|--|
| N.E. S.E. | Moderate breezes with sail set and very strong the ripple found 2 miles Westerly current by Chron |
| S.E. S.E. | Moderate breezes and pleasant found 2 miles in N.W. by Current. |
| N.E. S.E. | Light variable winds all sail set. |
| S.E. S.E. | S.E. variable winds attended with squalls and rain. |
| S.E. N.W. | Squally unpleasant weather through the day attended with rain. |
| N.E. N.E. | Very squally weather with heavy rain took in and made sail as required. |
| S.E. S.E. | Light airs and calms for 3 days, sail found 55 miles Easterly current. |
| S.E. Fresh | Light airs and calms, found 11 miles Southerly current. |
| S.E. S.E. | Moderate breezes and pleasant and steady breezes from S.E. supposed to be the S.E. current. |
| S.E. S.E. | Fresh breezes all sail set. found 5 miles Westerly current by Chron |
| S.E. S.E. | Fresh breezes all sail set, current as set. this day 44° N 37 miles |

Timothy Endicott.

JOURNAL in the Fish Hawk

| Date. 1873 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|----------|-------|-----------|-----------|------------|------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Nov 21 | S 21° W | 33 | 5° 55' S | 5° 55' S | 25° 50' W | | | | |
| Nov 22 | S 34° W | 165 | 1° 51' S | 2° 54' S | 25° 30' W | | | | |
| Nov 23 | S 34° W | 177 | 5° 10' S | 5° 21' S | 27° 09' W | | | | |
| Nov 24 | S 31° W | 171 | 7° 37' S | 8° 07' S | 28° 39' W | | | | |
| Nov 25 | S 12° W | 157 | 16° 25' S | 15° 37' S | 28° 31' W | | | | |
| Nov 26 | S 5° W | 176 | 13° 30' S | 13° 32' S | 29° 00' W | | | | |
| Nov 27 | S 1° E | 175 | 16° 12' S | 16° 15' S | 28° 58' W | | | | |
| Nov 28 | S 15° W | 181 | 17° 38' S | 17° 45' S | 28° 16' W | | | | |
| Nov 29 | S 15° E | 171 | 22° 12' S | 22° 35' S | 27° 20' W | | | | |
| Nov 30 | S 31° E | 175 | 24° 45' S | 24° 27' S | 26° 00' W | | | | |
| Dec 1 | S 44° E | 166 | 26° 45' S | none | 23° 30' W | | | | |

Medicott Master, from *Whaller* towards *cape of good Hope*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-------------------|---|
| S.E. by S S.W. | Moderate breezes and pleasant weather 23 miles current setting N.E. by E 1/2 S |
| S.E. by S S.W. | Through the channel pleasant weather 27 miles current setting N.W. by N 1/2 W |
| S.E. by S S.W. | Clear good weather through the day 22 miles current setting N.W. by N 1/2 W |
| S.E. E.S.E. | Clear pleasant weather 20 miles N.W. by N 1/2 W |
| S.W. E.S. | Pleasant weather through the day 12 miles southerly by current |
| S.W. S.W. | Through the day pleasant saw a ship standing to the N.W. ahead |
| S.W. S.W. | Clear weather and a good sea |
| S.W. S.W. | Fine breezes and pleasant 12 miles southerly by current |
| S.W. S.W. | Clear pleasant weather 3 miles southerly by current |
| S.W. S.W. | Moderate breezes and pleasant 10 miles by 1/2 N.W. by N 1/2 W |
| S.W. S.W. | Clear pleasant weather 10 miles by 1/2 N.W. by N 1/2 W |

Sailing instructions

JOURNAL in the *U.S.S. Albatross*

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------------|----------|-------|-----------|---------|------------|----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Dec 2 ^d | S 55 E | 15 | 28° 33' | 28° 13' | 111° 12' | 111° 10' | | | 2' |
| Dec 3 ^d | S 55 E | 24 | 28° 43' | 28° 43' | 112° 00' | 112° 00' | | | 0' |
| Dec 4 ^d | S 55 E | 11 | 29° 10' | 29° 13' | 112° 50' | 112° 50' | | | 0' |
| Dec 5 ^d | S 55 E | 25 | 29° 30' | 29° 30' | 113° 20' | 113° 20' | | | 0' |
| Dec 6 ^d | S 55 E | 20 | 30° 00' | 30° 00' | 114° 00' | 114° 00' | | | 0' |
| Dec 7 ^d | S 55 E | 16 | 31° 30' | 31° 30' | 114° 40' | 114° 40' | | | 0' |
| Dec 8 ^d | S 55 E | 14 | 31° 50' | 31° 50' | 115° 10' | 115° 10' | | | 0' |
| Dec 9 ^d | S 55 E | 51 | 32° 50' | 32° 21' | 116° 40' | 116° 30' | | | 10' |
| Dec 10 ^d | S 55 E | 157 | 34° 10' | 34° 20' | 118° 40' | 118° 30' | | | 10' |
| Dec 11 ^d | S 55 E | ✓ 152 | 35° 40' | 35° 50' | 120° 00' | 120° 00' | | | 0' |
| Dec 12 ^d | S 55 E | 125 | 36° 30' | 36° 23' | 121° 40' | 121° 40' | | | 0' |

Master, from Cape de Birds towards Cape of Good Hope

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-----------------------|--|
| 11th 11 th | Wind from the north, and squalls from the east, with a large quantity of rain. A few birds seen, 40 miles from the Cape. |
| 12th 12 th | Light breeze from the north, with a few birds seen. |
| 13th 13 th | Wind from the north, with a few birds seen. |
| 14th 14 th | Wind from the north, with a few birds seen. |
| 15th 15 th | Wind from the north, with a few birds seen. |
| 16th 16 th | Wind from the north, with a few birds seen. |
| 17th 17 th | Wind from the north, with a few birds seen. |
| 18th 18 th | Wind from the north, with a few birds seen. |
| 19th 19 th | Wind from the north, with a few birds seen. |
| 20th 20 th | Wind from the north, with a few birds seen. |
| 21st 21 st | Wind from the north, with a few birds seen. |

Journal of the

JOURNAL in the

U.S. Sloop "Thetis"

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|--------------------|----------|-------|-----------|-----------|------------|-----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 18 th 3 | | | | | | | | | |
| Jan 13 | S 67° E | 175 | 22° 31' S | 22° 21' S | 64° 53' W | | | | 1/2 |
| Jan 14 | S 28° E | 217 | 22° 34' S | 22° 25' S | 74° 11' W | 74° 11' W | | | 1/2 |
| Jan 15 | S 70° E | 206 | 22° 23' S | 22° 14' S | 74° 11' W | 74° 11' W | | | 1/2 |
| Jan 16 | S 21° E | 128 | 22° 14' S | 22° 05' S | 74° 11' W | 74° 11' W | | | 1/2 |
| Jan 17 | S 72° E | 140 | 22° 05' S | 21° 56' S | 74° 11' W | 74° 11' W | | | 1/2 |
| Jan 18 | S 77° E | 211 | 21° 11' S | 21° 02' S | 74° 11' W | 74° 11' W | | | 1/2 |
| Jan 19 | S 76° E | 54 | 21° 11' S | 21° 02' S | 18° 07' W | 18° 07' W | | | 1/2 |
| Jan 20 | S 76° E | 147 | 40° 16' S | 40° 07' S | 20° 16' W | 20° 16' W | | | 1/4 |
| Jan 21 | S 77° E | 220 | 48° 23' S | 48° 14' S | 20° 16' W | 20° 16' W | | | 1/4 |
| Jan 22 | N 40° E | 201 | 10° 13' S | none | 30° 58' W | none | | | 3/4 |
| Jan 23 | N 45° E | 175 | 40° 13' S | 39° 50' S | 34° 13' W | 34° 41' W | | | 1/4 |

Master, from *San Francisco* towards *San Diego*

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

11th
11th

Clear, calm and warm all day

12th
12th

Clear, calm and warm all day

13th
13th

Clear, calm and warm all day

14th
14th

Clear, calm and warm all day

15th
15th

Clear, calm and warm all day

16th
16th

Clear, calm and warm all day

17th
17th

Clear, calm and warm all day

18th
18th

Clear, calm and warm all day

19th
19th

Clear, calm and warm all day

20th
20th

Clear, calm and warm all day

21st
21st

Clear, calm and warm all day

Linsley Currier JOURNAL in the *Ship Supply Store*

| Date. 1873 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|----------|-------|-----------|---------|------------|---------|------------|-------|-------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia |
| Jan 10 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 11 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 12 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 13 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 14 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 15 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 16 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 17 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 18 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 19 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 20 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 21 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 22 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 23 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 24 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 25 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 26 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 27 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 28 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 29 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 30 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Jan 31 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 1 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 2 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 3 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 4 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 5 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 6 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 7 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 8 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 9 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 10 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 11 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 12 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 13 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 14 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 15 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 16 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 17 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 18 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 19 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 20 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 21 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 22 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 23 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 24 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 25 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 26 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 27 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 28 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 29 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 30 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |
| Feb 31 | 182° | 110 | 11° 20' | 11° 20' | 72° 20' | 72° 20' | | | 0 |

Endicott Master, from Lake of Good Hope towards Sumatra.

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-------------------------|--|
| 1-11 11-12 | Moderate breeze and pleasant 8 miles current at 11 AM. S. by E. 1/2 S. |
| 1-11 11-12 | Moderate breeze and pleasant weather |
| 11-12 | Strong breeze and sail set to double reefed "breeze" |
| 11-12 11-12 11-12 | Strong breeze and sail sudden change of wind to S. by E. 1/2 S. 28 Miles current at 11 AM. S. by E. |
| 11-12 11-12 11-12 | Light air and sail and then strong gale 24 miles current at 11 AM. S. by E. |
| 11-12 11-12 11-12 | Fresh gale heavy squall and a very high sea |
| 11-12 11-12 11-12 | Strong gale and heavy squalls and a high sea |
| 11-12 11-12 11-12 | Fresh gale and rain at 11 AM in a very heavy great and heavy of wind lost the mainmast |
| 11-12 11-12 | Strong breeze and a high sea. ship labouring |
| 11-12 11-12 | Very squally weather lost two topmast studding sails, lower topmast studding sail |
| 11-12 11-12 11-12 | First bark moderate then fresh gale 25 miles current at 11 AM. S. by E. |

Timothy Endicott's JOURNAL, in the Ship Suffolk

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|--------|----------|-------|-----------|-----------|------------|-----------|------------|-----------|--------------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Jan 4 | N 41° E | 234 | 33° 17' S | 33° 17' S | 77° 45' W | 77° 47' W | | | 1/4 |
| Jan 5 | N 47° E | 184 | 31° 48' S | 31° 48' S | 66° 16' W | 66° 32' W | | | 1/4 |
| Jan 6 | N 33° E | 141 | 27° 15' S | 27° 15' S | 61° 57' W | 62° 27' W | | | 1/4 |
| Jan 7 | N 21° E | 113 | 26° 34' S | 26° 14' S | 63° 07' W | 63° 17' W | | | 1 |
| Jan 8 | N 0° E | 103 | 25° 21' S | none | 63° 36' W | none | 25° 40' S | 63° 37' W | 2.0 1/4 |
| Jan 9 | N 0° E | 212 | 1° 27' S | 1° 47' S | 63° 16' W | 62° 46' W | | | 1/4 |
| Jan 10 | N 14° E | 117 | 17° 50' S | 17° 50' S | 62° 31' W | 63° 17' W | 17° 19' S | 62° 37' W | 4.30 1.50 |
| Jan 11 | N 12° E | 131 | 15° 50' S | 15° 51' S | 62° 22' W | 62° 31' W | | | 1/4 |
| Jan 12 | N 10° E | 123 | 13° 24' S | 13° 24' S | 61° 54' W | 61° 46' W | | | 1 |
| Jan 13 | N 20° E | 125 | 15° 15' S | 16° 35' S | 62° 50' W | 62° 10' W | | | none |
| Jan 14 | N 24° E | 109 | 2° 47' S | none | 63° 42' W | none | | | none |

Condition Master, from Cape of good Hope towards Sumatra

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|--------------|---|
| S.W. 11.0 | Fresh gales all sail set with obscure weather |
| S.W. 11.0 | Fine breeze and clear weather all sail set |
| S.W. 11.0 | Clear pleasant weather and light breeze |
| S.W. 11.0 | Clear pleasant weather with the S.W. trade wind |
| S.W. 11.0 | Fine pleasant weather all sail set |
| S.W. 11.0 | Fresh gales all sail set, attended with rain |
| S.W. 11.0 | Moderate breeze all sail set |
| S.W. 11.0 | Moderate with frequent rain squalls and air to the northward, saw a brig standing to the westward |
| S.W. 11.0 | Moderate breeze all sail set by the wind. Besides strong current. |
| S.W. 11.0 | Fine breeze all sail set 20 miles West current |
| S.W. 11.0 | Fresh fair fine breeze both a part. Right and variable |

Monthly Under JOURNAL in the *Star Siffelt Tinner*

| Date. 1877 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|----------|-------|-----------|---------|------------|----------|------------|----------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Jan 13 | N 42° E | 30 | 0° 20 S | 1° 17 S | 74° 55 E | 72° 46 E | | | None |
| Jan 16 | N 55° E | 111 | 7° 45 S | 6° 32 S | 75° 10 E | 74° 32 E | | | None |
| Jan 17 | N 66° E | 70 | 5° 15 S | 5° 05 S | 75° 56 E | 77° 00 E | | | None |
| Jan 18 | N 79° E | 119 | 4° 20 S | 4° 13 S | 89° 55 E | 87° 29 E | | | None |
| Jan 19 | N 74° E | 35 | 4° 15 S | 4° 14 S | 10° 13 E | 10° 11 E | 4° 43 S | 87° 41 E | None |
| Jan 20 | N 11° E | 110 | 2° 33 S | 2° 22 S | 10° 48 E | 10° 22 E | | | None |
| Jan 21 | N 11° E | 54 | 1° 32 S | 1° 30 S | 10° 47 E | 10° 32 E | | | None |
| Jan 22 | N 11° E | 80 | 1° 32 S | 1° 10 S | 12° 48 E | 11° 58 E | | | None |
| Jan 23 | N 32° E | 86 | 0° 15 N | 0° 13 N | 92° 59 E | 92° 57 E | | | None |
| Jan 24 | N 23° E | 79 | 1° 25 N | none | 73° 30 E | none | | | None |
| Jan 25 | N 30° E | 76 | 2° 00 N | 3° 11 N | 94° 00 E | 94° 10 E | | | None |

Endicott Master, from *Cape of Good Hope* towards *Sumatra*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-----------------------|--|
| East 1.11 5.11 | Light variable winds all round the compass Current by 45° 47 miles Westerly Current |
| S.W. 1.11 4.11 | First land sighted in latter part last night. 11 miles in 2 fine breezes, 20 miles current setting S.W. |
| S.W. 1.11 1.11 | Wind fresh breeze, latter part last night 17 miles current setting East. |
| S.W. 1.11 1.11 | Cloudy weather and moderate breeze 15° 6 20 miles distance |
| S.W. 1.11 1.11 | Light breeze through the day 17 miles East Current |
| S.W. 1.11 1.11 | Clear pleasant weather, all sail set |
| South 1.11 1.11 | Light variable winds and pleasant weather Current by 62° 11 miles distance |
| W.S. 1.11 1.11 | Pleasant weather, all sail set westward |
| W.S. 1.11 1.11 | Pleasant weather, all sail set |
| W.S. 1.11 1.11 | Fine weather and sea one all sail set rather more obscure weather |
| S.W. 1.11 1.11 | Light breeze through the day Current for 7 days 1° 43° 8 35 miles distance |

JOURNAL, in the

W. Suffolk. 1890.

[illegible]

Endicott Master, from Cape of Good Hope towards Sumatra

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

W.S.W.
Wind

Very light wind and pleasant sea. Weather
clear.

S.W.
S.W.

Very light breeze, at daylight sea smooth and calm.
Barometer 30.15. 5 lbs. 6 grains of snow.

S.W.

At 5 AM. came to anchor in 24 fathoms. A light breeze
from the North East. The bearing of the land S.W. 8

North
S.W.

At 5 AM. got under way for Natal. At 4 PM.
made off anchor. Noon land bore N.W. 6 S.W. 5 leagues.

W.
S.W.

At 10 AM. we came to anchor at 2 leagues. Anacabo bay.
quartz and iron at noon. Land bore E.N.E. 4 leagues.

S.W.
S.W.

At noon came to anchor at 2 leagues. In
20 fathoms of water. The land bearing to the N.W.

Journal of Emile H. ...

JOURNAL in the

Buffalo Territory

| Date. 1824 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|----------|-------|-----------|--------|------------|---------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| Feb 21 | | | | 5.32 | | 96. 15 | | | 10 |
| Feb 22 | 118° 0' | 60 | 3. 145 | 5. 175 | 95. 425 | 95. 442 | | | 10 |
| Feb 23 | 166° 4' | 35 | 2. 208 | 2. 558 | 95. 155 | 95. 20 | | | 5 |
| Feb 24 | 128° 15' | 14 | 1. 525 | 1. 435 | 94. 505 | 94. 512 | | | 2 |
| Mar 3 | 123° 17' | 40 | 3. 578 | 0. 594 | 94. 115 | 94. 124 | | | 2 |
| Mar 4 | 168° 15' | 40 | 1. 275 | 2. 115 | 93. 965 | 93. 974 | | | 1 |
| Mar 5 | 157° 4' | 52 | 1. 15 | 5. 45 | 93. 965 | 93. 974 | | | 1 |
| Mar 6 | 149° 6' | 21 | 1. 235 | 8. 375 | 93. 346 | 93. 354 | | | 1 |
| Mar 7 | 168° 15' | 77 | 1. 465 | 1. 315 | 93. 215 | 93. 224 | | | none |
| Mar 8 | 160° 6' | 113 | 3. 485 | none | 93. 515 | none | | | none |
| Mar 9 | 157° 8' | 163 | 5. 505 | 6. 27 | 94. 115 | none | | | none |

10. 11. 1887

Master, from

result.

towards

1875

[illegible]

Timothy and sister

JOURNAL in the *Ship Suffolk* Timothy

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|--------|----------|-------|-----------|-----------|------------|-----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| May 10 | S 11° E | 20 | 9° 47' S | 8° 54' S | 71° 03' E | 74° 27' E | | | none |
| May 11 | S 25° E | 14 | 9° 11' S | 9° 16' S | 71° 25' E | 74° 54' E | | | none |
| May 12 | S 31° E | 7 | 9° 49' S | 9° 57' S | 71° 50' E | 75° 18' E | | | none |
| May 13 | S 1° E | 80 | 11° 04' S | 11° 48' S | 74° 30' E | 75° 46' E | | | none |
| May 14 | S 26° N | 37 | 11° 50' S | 11° 49' S | 74° 12' E | 74° 12' E | | | none |
| May 15 | S 50° N | 120 | 13° 56' S | 13° 08' S | 72° 37' E | 72° 30' E | | | none |
| May 16 | S 46° N | 167 | 14° 56' S | 15° 12' S | 73° 55' E | 75° 16' E | | | none |
| May 17 | S 1° N | 158 | 16° 27' S | 16° 55' S | 80° 22' E | 81° 2' E | | | none |
| May 18 | S 7° N | 161 | 17° 58' S | 18° 12' S | 85° 14' E | 85° 50' E | | | none |
| May 19 | S 21° N | 182 | 19° 50' S | 19° 54' S | 83° 32' E | 82° 56' E | | | 1/4 |
| May 20 | S 63° N | 173 | 21° 15' S | 21° 14' S | 81° 48' E | 79° 47' E | | | 1/4 |

Endicott Master, from Sumatra towards Cape of Good Hope

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|--------------------------------|--|
| 11.11.17 S.S.W. 1.11 | First part fine weather. Latter part squally round at East by current 34 miles for 3 days back by 6.10 |
| 11.11.17 S.S.W. S.W. | Clear & calm weather with light breeze |
| S.W. 1.11.17 11.11.17 | Very light breezes through the day with pleasant weather |
| 11.11.17 1.11.17 | Moderate breezes and pleasant weather Current S.W. 1/2 distance 16 miles |
| 11.11.17 1.11.17 1.11.17 | Very moderate with a long swell from South at 6.10 took the S.E. trade, 17 miles back current |
| S.S.E. 1.11.17 | Some light squalls during the day with a 3/4 trade and a long swell |
| S.S.E. 1.11.17 | Fine breezes and pleasant weather Current S.W. 1/2 14 miles |
| S.S.E. 1.11.17 | Fine breezes and a long swell Current S.W. 1/2 13 miles |
| S.E. 1.11.17 1.11.17 | Fresh breezes and fine prospect of land weather in the air under short sail until 8.10 latter part made sail |
| S.E. 1.11.17 | Clear weather and a light sea attended with fresh sails |
| S.E. 1.11.17 | Fresh sails and squalls through the day |

Timothy Endicott

JOURNAL in the ship Suffolk Timothy

| Date. 1816 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------------------|----------|-------|-----------|-----------|------------|-----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 21 st March | S 61° W | 11 | 22° 17' S | 22° 21' S | 70° 25' E | 71° 12' E | | | 1/4 N |
| 22 nd March | S 61° W | 112 | 23° 15' S | 23° 11' S | 76° 25' E | 74° 52' E | | | 1/4 N |
| 23 rd March | S 61° W | 117 | 24° 10' S | 24° 14' S | 74° 23' E | 72° 21' E | | | 1/4 N |
| 24 th March | S 61° W | 160 | 25° 6' S | 25° 09' S | 71° 37' E | 69° 08' E | | | 1/4 N |
| 25 th March | S 75° W | 148 | 25° 35' S | 25° 54' S | 68° 30' E | 64° 01' E | | | 1/4 N |
| 26 th March | S 81° W | 177 | 26° 27' S | 26° 27' S | 65° 00' E | 63° 25' E | | | 1/4 N |
| 27 th March | S 87° W | 135 | 26° 35' S | 26° 35' S | 61° 34' E | 61° 04' E | | | 1/4 N |
| 28 th March | S 89° W | 175 | 26° 30' S | 26° 33' S | 58° 10' E | 56° 52' E | | | 1/4 N |
| 29 th March | S 105° W | 168 | 27° 12' S | 27° 55' S | 55° 10' E | 51° 52' E | | | 1/4 N |
| 30 th March | S 101° W | 163 | 27° 34' S | 27° 36' S | 53° 00' E | 50° 51' E | | | 1/4 N |
| 31 st March | N 41° E | 167 | 27° 37' S | 27° 37' S | 49° 17' E | 47° 33' E | | | 1/4 N |

W. S. L. Curcott's JOURNAL in the ship Suffolk Ternosty

| Date. | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------------------|----------|-------|-----------|-----------|------------|-----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 1 st April | North | 76 | 27° 32' S | 27° 36' S | 43° 10' E | 43° 12' E | | | 2 1/2 |
| 2 nd April | S 80° W | 16 | 27° 36' S | 27° 31' S | 42° 22' E | 42° 47' E | | | 2 1/2 |
| 3 rd April | S 85° W | 22 | 27° 51' S | 27° 41' S | 41° 50' E | 42° 55' E | | | 2 1/2 |
| 4 th April | S 85° W | 114 | 27° 54' S | 27° 58' S | 38° 14' E | 37° 10' E | | | 2 1/2 |
| 5 th April | N 60° W | 23 | 27° 46' S | 27° 50' S | 37° 10' E | 36° 21' E | | | 2 1/2 |
| 6 th April | S 80° E | 18 | 28° 10' S | 27° 55' S | 37° 46' E | 37° 01' E | | | 2 1/2 |
| 7 th April | S 86° E | 26 | 28° 16' S | 28° 16' S | 37° 33' E | 37° 46' E | | | 2 1/2 |
| 8 th April | S 80° E | 60 | 27° 50' S | 27° 50' S | 37° 01' E | 36° 21' E | | | 2 1/2 |
| 9 th April | S 74° E | 66 | 28° 25' S | 27° 58' S | 36° 00' E | 35° 31' E | | | 2 1/2 |
| 10 th April | S 80° W | 15 | 28° 15' S | 28° 7' S | 35° 01' E | 35° 35' E | | | 2 1/2 |
| 11 th April | S 80° E | 61 | 28° 25' S | 28° 10' S | 34° 01' E | 32° 55' E | | | 2 1/2 |

Enders ^{off} Master, from *Sumatra* towards *Calcutta*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|---------------|--|
| 2.30- 3.15 | Breeze fresh and steady, breeze to 10 miles in light sail on 10th day. |
| 3.15- 3.30 | Breeze fresh and steady, breeze to 10 miles in light sail on 10th day. |
| 3.30- 3.45 | Moderate breeze and clear weather through the day. |
| 3.45- 4.00 | Light breeze and clear weather through the day breeze to 10 miles distance. |
| 4.00- 4.15 | Moderate breeze all sails up by the wind breeze to 10 miles distance. |
| 4.15- 4.30 | Light breeze and clear weather all sails up breeze to 10 miles distance. |
| 4.30- 4.45 | Breeze about half the day, weather clear. |
| 4.45- 5.00 | Light breeze through the day and clear weather breeze to 10 miles distance. |
| 5.00- 5.15 | Moderate breeze all sails up breeze to 10 miles distance. |
| 5.15- 5.30 | Light breeze all sails up and clear weather breeze to 10 miles distance. |
| 5.30- 5.45 | Light breeze all sails up 11 miles from the shore. |

Henry's Journal JOURNAL in the *Ship Suffolk* *Henry's*

| Date. 1844 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|----------------------|-----------------|------------|----------------|----------------|----------------|----------------|------------|-------|-----------------------------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| <i>12th</i> April | <i>541° 15'</i> | <i>130</i> | <i>32° 45'</i> | <i>32° 36'</i> | <i>32° 17'</i> | <i>30° 40'</i> | | | <i>1150</i> <i>2 1/2</i> |
| <i>13th</i> April | <i>411° 17'</i> | <i>118</i> | <i>33° 53'</i> | <i>33° 50'</i> | <i>30° 29'</i> | <i>28° 19'</i> | | | <i>2 1/2</i> |
| <i>14th</i> April | <i>55° 14'</i> | <i>71</i> | <i>33° 44'</i> | <i>34° 14'</i> | <i>27° 50'</i> | <i>27° 26'</i> | | | <i>2 1/2</i> |
| <i>15th</i> April | | | <i>34° 10'</i> | <i>34° 20'</i> | <i>26° 45'</i> | <i>26° 40'</i> | | | <i>2 1/2</i> |
| <i>16th</i> April | <i>400° 10'</i> | <i>80</i> | <i>34° 25'</i> | <i>34° 25'</i> | <i>24° 20'</i> | <i>24° 10'</i> | | | <i>2 1/2</i> |
| <i>17th</i> April | <i>41° 10'</i> | <i>—</i> | <i>34° 25'</i> | <i>34° 21'</i> | <i>24° 20'</i> | <i>24° 10'</i> | | | <i>2 1/2</i> |
| <i>18th</i> April | <i>541° 11'</i> | <i>93</i> | <i>34° 40'</i> | <i>34° 40'</i> | <i>22° 56'</i> | <i>22° 40'</i> | | | <i>2 1/2</i> |
| <i>19th</i> April | <i>572° 10'</i> | <i>140</i> | <i>35° 23'</i> | <i>35° 23'</i> | <i>21° 11'</i> | <i>21° 11'</i> | | | <i>2 1/2</i> |
| <i>20th</i> April | <i>478° 11'</i> | <i>95</i> | <i>35° 12'</i> | <i>35° 07'</i> | <i>19° 31'</i> | <i>19° 40'</i> | | | <i>2 1/2</i> |
| <i>21st</i> April | <i>533° 11'</i> | <i>63</i> | <i>34° 45'</i> | <i>34° 31'</i> | <i>18° 27'</i> | <i>17° 46'</i> | | | <i>2 1/2</i> |
| <i>22nd</i> April | <i>441° 11'</i> | <i>63</i> | <i>34° 40'</i> | <i>35° 46'</i> | <i>16° 42'</i> | <i>16° 40'</i> | | | <i>2 1/2</i> |

Endorse Master, from *Sumatra* towards *cap of good hope*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|----------------------|---|
| S.E. 11.0 Bash | Wind moderate breeze. At 1.30. alt. 10. fine weather. Current 4.4. 11. 2. miles |
| S.E. 11.0 Bash | Again fine breeze at 1.45. alt. 10.5. wind changed to the North and in 1.50. a gale |
| S.E. 11.0 Bash | Wind again moderate breeze at 2.0. alt. 11.0. fine weather. Current 4.4. 11. 2. miles |
| S.E. 11.0 Bash | Wind moderate through the day. Current 4.4. 11. 2. miles. At 4.0. alt. 11.0. fine weather |
| S.E. 11.0 Bash | Fine weather and breeze at 4.15. alt. 11.0. fine weather. Current 4.4. 11. 2. miles |
| S.E. 11.0 Bash | Wind moderate through the day. Current 4.4. 11. 2. miles. At 5.0. alt. 11.0. fine weather |
| S.E. 11.0 Bash | Wind moderate through the day. Current 4.4. 11. 2. miles. At 6.0. alt. 11.0. fine weather |
| S.E. 11.0 Bash | Through the day fine weather all night. Current 4.4. 11. 2. miles |
| S.E. 11.0 Bash | Moderate weather through the day. Current 4.4. 11. 2. miles. At 7.0. alt. 11.0. fine weather |
| S.E. 11.0 Bash | At 6.30. alt. 11.0. saw the land from 2.0. alt. 11.0. being hardly obscured by clouds. At 7.0. alt. 11.0. bearing of the water of good hope |
| S.E. 11.0 Bash | Moderate breeze through the day. Current 4.4. 11. 2. miles. At 8.0. alt. 11.0. fine weather |

Twenty Years

JOURNAL in the

Ship Suffolk

| Date. 1874 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|-------------|-----------|----------------|----------------|----------------|----------------|------------|-------|-----------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| <i>11th</i> | <i>1000</i> | <i>10</i> | <i>21° 30'</i> | <i>21° 30'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>12th</i> | <i>1000</i> | <i>10</i> | <i>21° 45'</i> | <i>21° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>13th</i> | <i>1000</i> | <i>10</i> | <i>21° 45'</i> | <i>21° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>14th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>15th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>16th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>17th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>18th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>19th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>20th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>21st</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>22nd</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>23rd</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>24th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>25th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>26th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>27th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>28th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>29th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |
| <i>30th</i> | <i>1000</i> | <i>10</i> | <i>20° 45'</i> | <i>20° 45'</i> | <i>15° 30'</i> | <i>15° 30'</i> | | | <i>15</i> |

Master, from

towards

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-------------------------|---|
| 10.00 10.15 | First part moderate. Second part strong and very heavy rain. Ship under clock 11.00 sails |
| 10.30 10.45 11.00 | Upon leaving port and being in 10.00. All morning at anchor and at 11.00 bearing 41° 15' 15 miles distance |
| 11.15 11.30 | Through the day - some rain - pleasant weather through the day |
| 11.45 12.00 | Through the day - some rain - pleasant weather through the day |
| 12.15 12.30 | Through the day - some rain - pleasant weather through the day |
| 12.45 1.00 | Through the day - some rain - pleasant weather through the day |
| 1.15 1.30 | Through the day - some rain - pleasant weather through the day |
| 1.45 2.00 | Through the day - some rain - pleasant weather through the day |
| 2.15 2.30 | Through the day - some rain - pleasant weather through the day |
| 2.45 3.00 | Through the day - some rain - pleasant weather through the day |
| 3.15 3.30 | Through the day - some rain - pleasant weather through the day |
| 3.45 4.00 | Through the day - some rain - pleasant weather through the day |
| 4.15 4.30 | Through the day - some rain - pleasant weather through the day |
| 4.45 5.00 | Through the day - some rain - pleasant weather through the day |
| 5.15 5.30 | Through the day - some rain - pleasant weather through the day |
| 5.45 6.00 | Through the day - some rain - pleasant weather through the day |

Journal of the U.S. Fish Commission JOURNAL in the *U.S. Fish Commission*

| Date. 1884 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|-----------------|--------------|------------|----------------|----------------|----------------|----------------|------------|-------|------------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| <i>May 1st</i> | <i>45° N</i> | <i>71</i> | <i>11° 42'</i> | <i>91° 19'</i> | <i>5° 58'</i> | <i>5° 58'</i> | | | <i>1/4</i> |
| <i>May 2nd</i> | <i>45° N</i> | <i>164</i> | <i>9° 36'</i> | <i>71° 32'</i> | <i>2° 11'</i> | <i>2° 21'</i> | | | <i>1/2</i> |
| <i>May 3rd</i> | <i>44° N</i> | <i>11</i> | <i>11° 46'</i> | <i>71° 15'</i> | <i>5° 57'</i> | <i>4° 21'</i> | | | <i>1/4</i> |
| <i>May 4th</i> | <i>37° N</i> | <i>123</i> | <i>5° 50'</i> | <i>70° 40'</i> | <i>5° 25'</i> | <i>5° 24'</i> | | | <i>1/4</i> |
| <i>May 5th</i> | | | | | | | | | <i>1/4</i> |
| <i>May 6th</i> | | | | | <i>5° 42'</i> | <i>5° 42'</i> | | | <i>1/4</i> |
| <i>May 7th</i> | <i>54° N</i> | <i>149</i> | <i>11° 10'</i> | <i>71° 05'</i> | <i>5° 10'</i> | <i>5° 10'</i> | | | <i>1/4</i> |
| <i>May 8th</i> | <i>46° N</i> | <i>156</i> | <i>19° 20'</i> | <i>71° 14'</i> | <i>5° 10'</i> | <i>5° 10'</i> | | | <i>1/4</i> |
| <i>May 9th</i> | <i>41° N</i> | <i>157</i> | <i>19° 18'</i> | <i>71° 14'</i> | <i>4° 10'</i> | <i>4° 10'</i> | | | <i>1/4</i> |
| <i>May 10th</i> | <i>41° N</i> | <i>11</i> | <i>5° 50'</i> | <i>71° 15'</i> | <i>12° 10'</i> | <i>12° 10'</i> | | | <i>1/4</i> |
| <i>May 11th</i> | <i>41° N</i> | <i>11</i> | <i>5° 50'</i> | <i>71° 15'</i> | <i>13° 10'</i> | <i>13° 10'</i> | | | <i>1/4</i> |

Master, from *Bay of Long Point*, towards *the river*

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|--------|--|
| 11th | Clear, calm, and pleasant weather. Strong ebb current. |
| 12th | Clear, calm, and pleasant weather. Strong ebb current. |
| 13th | Clear, calm, and pleasant weather. Strong ebb current. |
| 14th | Clear, calm, and pleasant weather. Strong ebb current. |
| 15th | Clear, calm, and pleasant weather. Strong ebb current. |
| 16th | Clear, calm, and pleasant weather. Strong ebb current. |
| 17th | Clear, calm, and pleasant weather. Strong ebb current. |
| 18th | Clear, calm, and pleasant weather. Strong ebb current. |
| 19th | Clear, calm, and pleasant weather. Strong ebb current. |
| 20th | Clear, calm, and pleasant weather. Strong ebb current. |
| 21st | Clear, calm, and pleasant weather. Strong ebb current. |
| 22nd | Clear, calm, and pleasant weather. Strong ebb current. |
| 23rd | Clear, calm, and pleasant weather. Strong ebb current. |
| 24th | Clear, calm, and pleasant weather. Strong ebb current. |
| 25th | Clear, calm, and pleasant weather. Strong ebb current. |
| 26th | Clear, calm, and pleasant weather. Strong ebb current. |
| 27th | Clear, calm, and pleasant weather. Strong ebb current. |
| 28th | Clear, calm, and pleasant weather. Strong ebb current. |
| 29th | Clear, calm, and pleasant weather. Strong ebb current. |
| 30th | Clear, calm, and pleasant weather. Strong ebb current. |

Timothy Endicott's JOURNAL in the *Ship Suffolk* *Timothy*

| Date. 18 th | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------------------|----------|-------|-----------|----------|------------|-----------|------------|-------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| May 1 st | N 45° W | 25 | 3° 37' S | 1° 20' S | 15° 17' W | 2° 31' W | | | 1/4 |
| May 2 nd | N 56° W | 20 | 2° 15' S | 2° 07' S | 18° 24' W | 18° 31' W | | | 1/4 |
| May 3 rd | N 21° W | 12 | 2° 53' S | 2° 28' S | 18° 39' W | 7° 12' W | | | 1/4 |
| May 4 th | N 16° W | 11 | 1° 17' N | 1° 17' N | 19° 50' W | 21° 35' W | | | 1 |
| May 5 th | N 11° W | 13 | 2° 57' S | 2° 11' S | 19° 50' W | 22° 00' W | | | 1 |
| May 6 th | N 8° W | 61 | 2° 58' S | none | 19° 55' W | none | | | 1 |
| May 7 th | N 2° W | 66 | 1° 53' S | none | 19° 50' W | none | | | |
| May 22 nd | N 15° E | 17 | 4° 51' N | 1° 58' N | 17° 48' W | 21° 46' W | | | 1 |
| May 23 rd | N 11° E | 27 | 5° 51' N | 2° 25' N | 17° 50' W | 21° 21' W | | | 1 |
| May 24 th | N 4° E | 31 | 5° 12' N | 6° 11' N | 17° 52' W | 21° 18' W | | | |
| May 25 th | N 33° E | 33 | 6° 56' N | 7° 25' N | 20° 15' W | 21° 32' W | | | 1 |

Endicott Master, from Lake of Good Hope, towards Lake a Vind

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|----------------|--|
| 22.15 22.15 | Through the day fine pleasant weather current 14 miles |
| 22.15 22.15 | Light breeze and pleasant current 14 miles |
| 3.15 3.15 | Stronger weather with rain through the day current 14 miles |
| 22.15 22.15 | Squally disagreeable weather through the day strong current of 6 miles setting west |
| 22.15 22.15 | Breeze with rain squalls wind variable current 14 miles |
| 22.15 22.15 | Fine fresh steady weather. Haze till 10 AM. Fair towards north being rain |
| 22.15 22.15 | Through the day light variable winds and at times calm attended with heavy rain |
| 22.15 22.15 | Light breeze and at times calm |
| 22.15 22.15 | Very light air and calm through the day current 14 miles |
| 22.15 22.15 | Unsettled weather through the day current 14 miles |
| 22.15 22.15 | Begins heavy rain till 10 AM. Heavy squalls (damaged) Haze and small squalls set. Current |

Journal of the JOURNAL, in the *Ship Sagittarius*

| Date. 1844 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|---------------|-------------|------------|------------------|------------------|------------------|------------------|------------|-------|----------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| <i>May 11</i> | <i>158°</i> | <i>110</i> | <i>1° 50' N</i> | <i>1° 50' N</i> | <i>21° 13' W</i> | <i>21° 13' W</i> | | | <i>1</i> |
| <i>May 12</i> | <i>158°</i> | <i>112</i> | <i>1° 07' N</i> | <i>1° 07' N</i> | <i>22° 37' W</i> | <i>22° 37' W</i> | | | <i>1</i> |
| <i>May 13</i> | <i>210°</i> | <i>141</i> | <i>11° 11' N</i> | <i>11° 11' N</i> | <i>29° 20' W</i> | <i>29° 20' W</i> | | | <i>1</i> |
| <i>May 14</i> | <i>231°</i> | <i>140</i> | <i>10° 32' N</i> | <i>10° 32' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>May 15</i> | <i>230°</i> | <i>138</i> | <i>10° 10' N</i> | <i>10° 10' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>May 16</i> | <i>228°</i> | <i>135</i> | <i>10° 00' N</i> | <i>10° 00' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>May 17</i> | <i>135°</i> | <i>147</i> | <i>10° 50' N</i> | <i>10° 50' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>June 1</i> | <i>155°</i> | <i>156</i> | <i>11° 11' N</i> | <i>11° 11' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>June 2</i> | <i>150°</i> | <i>113</i> | <i>10° 40' N</i> | <i>10° 40' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>June 3</i> | <i>155°</i> | <i>140</i> | <i>10° 10' N</i> | <i>10° 10' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |
| <i>June 4</i> | <i>139°</i> | <i>14</i> | <i>10° 00' N</i> | <i>10° 00' N</i> | <i>30° 12' W</i> | <i>30° 12' W</i> | | | <i>1</i> |

Master, from *St. Louis* towards *St. Paul*

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

SE
10-12

Light breeze, with a little rain, and a few clouds.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

SE
10-12

Light breeze, with a few clouds, and a few rain.

Timothy Endicott's JOURNAL in the *Fleet Suffolk* Sine 1874

| Date. 1874 | Courses. | Dist. | Latitude. | | Longitude. | | Variation. | | |
|--------------------------|----------|-------|-----------|----------|------------|----------|------------|----------|--------|
| | | | Acc. | Obs. | Acc. | Obs. | Lat. | Long. | Varia. |
| 6 th June | N 47° E | 27 | 25° 25.1 | 25° 21.1 | 36° 30.1 | 35° 36.6 | | | 1/4 |
| 7 th June | N 22° E | 12 | 25° 53.1 | 25° 51.1 | 35° 57.1 | 38° 55.3 | 25° 37 | 38° 55.3 | 13.5 |
| 9 th June | N 32° E | 79 | 27° 00.1 | 26° 57.1 | 35° 10.1 | 39° 01.6 | | | 4 |
| 10 th June | N 37° E | 11 | 27° 10.1 | 27° 10.1 | 35° 12.1 | 39° 01.6 | | | 4 |
| 11 th June | N 37° E | 11 | 30° 34.1 | 30° 34.1 | 32° 57.1 | 34° 51.6 | | | 1/2 |
| 11 th June | N 35° E | 157 | 32° 30.1 | 32° 13.1 | 35° 11.1 | 32° 36.6 | | | 1/2 |
| 12 th June | N 37° E | 13 | 37° 23.1 | 36° 19.1 | 25° 37.1 | 31° 01.6 | | | 1/2 |
| 13 th June | N 35° E | 59 | 35° 16.1 | 35° 15.1 | 25° 43.1 | 30° 21.6 | | | 1/4 |
| 14 th June | N 35° E | 67 | 36° 00.1 | 36° 13.1 | 25° 37.1 | 30° 36.6 | | | 1/2 |
| 15 th June | N 35° E | 83 | 37° 14.1 | 37° 12.1 | 26° 09.1 | 28° 23.6 | | | 1/2 |
| 16 th June | N 49° E | 89 | 38° 59.1 | 38° 16.1 | 24° 44.1 | 26° 40.6 | 39° 33.1 | 28° 15.1 | 26.42 |

Endicott Master, from Wake de l'Isle towards Gibraltar.

| Winds. | Weather, Currents, Bearings of the Land, and Remarkable Occurrences. |
|-----------------------|--|
| N.E. 1/2 E 1-1-17 | Very moderate breeze the land seen 3/4 standing in S. Westward |
| N.W. 5-1-17 | First half light airs from N.W. and clear weather. After half light airs from S.W. |
| S.W. 12-1-17 | Pleasant weather, all sail set before the wind |
| S.W. 14-1-17 | Fine breeze and pleasant all sail set |
| S.W. 16-1-17 | Fine breeze all sail set before the wind |
| S.W. 3/4 S 18-1-17 | Fine weather and a good breeze and a long night from S.W. |
| S.W. 20-1-17 | Fresh breeze and a good breeze from S.W. Afternoon calm |
| S.W. 22-1-17 | Very moderate breezes and pleasant weather all sail set |
| S.W. 24-1-17 | Through the 24 hours very moderate breezes all sail set, 13 miles northerly current |
| S.W. 26-1-17 | Moderate breezes all sail set and pleasant weather. |
| N.W. 28-1-17 | Pleasant weather, at 11 A.M. saw the Island of Tercera bearing 1 1/2 N by 9 leagues Current S 3/4 E 17 miles distance |

simply write it.

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Bondocott Master, from *Bahia de Verdes* towards *Gibraltar*

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

N. N. E.
N. N. E.

Moderate breezes, at noon the East end of St. Michael's bore
S. by W. 14 miles, Current S. by W. 16 miles

S. by E.
S. by E.

Begins and ends moderate large number of galleys in the
water 11 miles southerly Current, S. by E. in the East

S. by E.
S. by E.

Moderate breezes through the day at 6 P.M. saw a Brig in
the north standing to the west 12 miles south Current S.

S. by E.
S. by E.

Fine breezes and rain and fog all sail set.
at 1 P.M. saw a sail in N. N. E.

N. N. E.
N. N. E.

Fresh gales and sail passed near to an American Ship
standing to S. by E. towards

N. N. E.
N. N. E.

Fine breezes all sail set, at 1 P.M. saw a Ship standing
S. by E. towards

N. N. E.
N. N. E.

Fine breezes all sail set, at noon came too
in Gibraltar Bay in a passage of 118 days

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The Suffolk was 100 days from Gibraltar to Anchor
 in Phytar. This is a small Pepper Port the vines is
 new is said by the Natives to produce 1500 to 2000
 Piculs of Pepper in one year, the landing is good,
 you go between some sunken Rocks which break
 of all the surge and land on a sandy beach close
 to the Village. The harbour is protected from
 West & S. West winds by Mo Bass which is considerable
 high and about half a mile long and is S. West
 from the Village $\frac{3}{4}$ of a mile, Mo Bass forms
 the Harbour and may be passed on either side,
 I sounded on the western side and found 5 to 6
 fathoms close to Mo Bass

I made the Latitude as follows

| | |
|-----------------------------------|-----------------|
| Suns Obs ^d alt | 66° 32' 30" |
| add | 12 |
| Suns cor alt | 66° 44' 30" |
| | 90 |
| zenith dist | 23° 15' 30" |
| Jan 28 th suns cor Dec | 18° 27' 21" |
| Latitude | 4° 48' 9" North |

Mo Biah bears N.W. from Phytar about 6 or 7 miles

